

**GOJO® Original Pumice Hand Cleaner**

Version 1.0

SDS Number: 400000005409

Revision Date: 10/23/2017

**SECTION 1. PRODUCT AND COMPANY IDENTIFICATION**

Product name : GOJO® Original Pumice Hand Cleaner

**Manufacturer or supplier's details**

Company name of supplier : GOJO Industries, Inc.

Address : One GOJO Plaza, Suite 500  
Akron, Ohio 44311

Telephone : 1 (330) 255-6000

Emergency telephone number : 1-800-424-9300 CHEMTREC

500-002

1132CN

1135CN

**Recommended use of the chemical and restrictions on use**

Recommended use : Skin-care

Restrictions on use : This is a personal care or cosmetic product that is safe for consumers and other users under normal and reasonably foreseeable use. Cosmetics and consumer products, specifically defined by regulations around the world, are exempt from the requirement of an SDS for the consumer. While this material is not considered hazardous, this SDS contains valuable information critical to the safe handling and proper use of the product for industrial workplace conditions as well as unusual and unintended exposures such as large spills. This SDS should be retained and available for employees and other users of this product. For specific intended-use guidance, please refer to the information provided on the package or instruction sheet.

Prepared by :

**SECTION 2. HAZARDS IDENTIFICATION****Emergency Overview**

Appearance	cream
Colour	opaque, yellow
Odour	citrus

**GHS Classification**

Serious eye damage : Category 1

**GHS label elements**

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Hazard pictograms



Signal word

: Danger

Hazard statements

: H318 Causes serious eye damage.

Precautionary statements

: **Prevention:**

P280 Wear eye protection/ face protection.

**Response:**

P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/ physician.

**Potential Health Effects**

Primary Routes of Entry

: Inhalation  
Eye contact  
Skin contact

Aggravated Medical Condition

: None known.

**Carcinogenicity:**

IARC

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS****Hazardous components**

Chemical name	CAS-No.	Concentration (%)
Mineral Oil (Paraffinum Liquidum)	8042-47-5	>= 30 - < 50
Trideceth-6	24938-91-8	>= 1 - < 5
Propylene Glycol	57-55-6	>= 1 - < 5
Sodium Hydroxymethylglycinate	70161-44-3	>= 0.1 - < 1

**SECTION 4. FIRST AID MEASURES**

General advice

: In the case of accident or if you feel unwell, seek medical advice immediately.  
When symptoms persist or in all cases of doubt seek medical advice.

If inhaled

: If inhaled, remove to fresh air.  
If symptoms persist, call a physician.

In case of skin contact

: Wash with water and soap as a precaution.  
Get medical attention if irritation develops and persists.

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- |   |  |
|---|--|
| In case of eye contact                                      | : In case of contact, immediately flush eyes with plenty of water for at least 15 minutes.<br>If easy to do, remove contact lens, if worn.<br>Seek medical advice. |
| If swallowed  | : If swallowed, DO NOT induce vomiting.<br>Rinse mouth with water.<br>Obtain medical attention.  |
| Most important symptoms and effects, both acute and delayed | : Causes serious eye damage.   |
| Protection of first-aiders                                  | : First Aid responders should pay attention to self-protection and use the recommended protective clothing   |

**SECTION 5. FIREFIGHTING MEASURES**

- |   |   |
|---|---|
| Suitable extinguishing media                  | : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.  |
| Unsuitable extinguishing media                | : None known.   |
| Specific hazards during firefighting          | : Exposure to decomposition products may be a hazard to health.<br>Carbon oxides  |
| Hazardous combustion products                 | : Carbon oxides   |
| Specific extinguishing methods                | : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.<br>Use water spray to cool unopened containers.   |
| Further information                           | : Collect contaminated fire extinguishing water separately. This must not be discharged into drains.<br>Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. |
| Special protective equipment for firefighters | : In the event of fire, wear self-contained breathing apparatus.<br>Use personal protective equipment.  |

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

- |   |  |
|---|--|
| Personal precautions, protective equipment and emergency procedures | : Use personal protective equipment.<br>Ensure adequate ventilation.<br>Evacuate personnel to safe areas.<br>Keep people away from and upwind of spill/leak.<br>Material can create slippery conditions. |
| Environmental precautions   | : Discharge into the environment must be avoided.<br>Prevent further leakage or spillage if safe to do so.   |

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Prevent spreading over a wide area (e.g. by containment or oil barriers).  
Retain and dispose of contaminated wash water.  
Local authorities should be advised if significant spillages cannot be contained.

Methods and materials for containment and cleaning up

: Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).  
Keep in suitable, closed containers for disposal.  
Clean contaminated floors and objects thoroughly while observing environmental regulations.

**SECTION 7. HANDLING AND STORAGE**

Advice on safe handling

: For personal protection see section 8.  
Do not swallow.  
Avoid contact with eyes.  
Keep container closed when not in use.

Conditions for safe storage

: Keep in properly labelled containers.  
Keep container tightly closed in a dry and well-ventilated place.  
Store in accordance with the particular national regulations.

**SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Components with workplace control parameters**

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Mineral Oil (Paraffinum Liquidum)	8042-47-5	TWA (Mist)	1 mg/m <sup>3</sup>	CA BC OEL
		TWA (Mist)	5 mg/m <sup>3</sup>	CA AB OEL
		STEL (Mist)	10 mg/m <sup>3</sup>	CA AB OEL
		TWAEV (Mist)	5 mg/m <sup>3</sup>	CA QC OEL
		STEV (Mist)	10 mg/m <sup>3</sup>	CA QC OEL
Propylene Glycol	57-55-6	TWA (Inhalable fraction)	5 mg/m <sup>3</sup>	ACGIH
		TWA (aerosol)	10 mg/m <sup>3</sup>	CA ON OEL
		TWA (Vapour and aerosols)	50 ppm 155 mg/m <sup>3</sup>	CA ON OEL
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**Personal protective equipment**

- Respiratory protection : No personal respiratory protective equipment normally required.
- Eye protection : Wear face-shield and protective suit for abnormal processing problems.
- Skin and body protection : No special measures necessary provided product is used correctly.
- Protective measures : Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place.  
Ensure that eye flushing systems and safety showers are located close to the working place.
- Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.  
Avoid contact with eyes.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

- Appearance : cream
- Colour : opaque, yellow
- Odour : citrus
- Odour Threshold : No data available
- pH : 5.0 - 8.0, (20 °C)
- Melting point/freezing point : No data available
- Initial boiling point and boiling range : No data available
- Flash point : > 100 °C
- Evaporation rate : No data available
- Flammability (solid, gas) : Not applicable
- Flammability (liquids) : No data available
- Upper explosion limit : No data available
- Lower explosion limit : No data available
- Vapour pressure : No data available
- Relative vapour density : No data available
- Density : 0.8830 g/cm<sup>3</sup>

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Solubility(ies)  
Water solubility : soluble

Partition coefficient: n-octanol/water : Not applicable

Auto-ignition temperature : No data available

Thermal decomposition : The substance or mixture is not classified self-reactive.

Viscosity  
Viscosity, kinematic : 10000 - 50000 mm<sup>2</sup>/s (20 °C)

Explosive properties : Not explosive

Oxidizing properties : The substance or mixture is not classified as oxidizing.

**SECTION 10. STABILITY AND REACTIVITY**

Reactivity : Not classified as a reactivity hazard.

Chemical stability : Stable under normal conditions.

Conditions to avoid : None known.

Incompatible materials : Strong oxidizing agents

Hazardous decomposition products : No hazardous decomposition products are known.

**SECTION 11. TOXICOLOGICAL INFORMATION**

Information on likely routes of exposure : Inhalation  
Eye contact  
Skin contact

**Acute toxicity**

Not classified based on available information.

**Product:**

Acute oral toxicity : Acute toxicity estimate : > 5,000 mg/kg  
Method: Calculation method

**Components:****Mineral Oil (Paraffinum Liquidum):**

Acute oral toxicity : LD50 (Rat): > 5,000 mg/kg

Acute inhalation toxicity : LC50 (Rat): > 5 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist  
Assessment: The substance or mixture has no acute

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inhalation toxicity

Acute dermal toxicity : LD50 (Rabbit): > 2,000 mg/kg  
Assessment: The substance or mixture has no acute dermal toxicity

**Trideceth-6:**

Acute oral toxicity : LD50 (Rat): > 500 - < 2,000 mg/kg

**Propylene Glycol:**

Acute oral toxicity : LD50 (Rat): > 5,000 mg/kg

Acute inhalation toxicity : LC50 (Rabbit): > 159 mg/l, > 51091 ppm  
Exposure time: 4 h  
Test atmosphere: dust/mist  
Assessment: The substance or mixture has no acute inhalation toxicity

Acute dermal toxicity : LD50 (Rabbit): > 2,000 mg/kg  
Assessment: The substance or mixture has no acute dermal toxicity

**Sodium Hydroxymethylglycinate:**

Acute oral toxicity : LD50 (Rat): 1,050 mg/kg

**Skin corrosion/irritation**

Not classified based on available information.

**Components:****Mineral Oil (Paraffinum Liquidum):**

Species: Rabbit  
Result: No skin irritation

**Trideceth-6:**

Species: Rabbit  
Result: No skin irritation

**Propylene Glycol:**

Species: Rabbit  
Method: OECD Test Guideline 404  
Result: No skin irritation

**Sodium Hydroxymethylglycinate:**

Species: Rabbit  
Result: Skin irritation

**Serious eye damage/eye irritation**

Causes serious eye damage.

**Components:****Mineral Oil (Paraffinum Liquidum):**

Species: Rabbit  
Result: No eye irritation

**Trideceth-6:**



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Species: Rabbit  
Result: Irreversible effects on the eye

**Propylene Glycol:**  
Species: Rabbit  
Result: No eye irritation  
Method: OECD Test Guideline 405

**Sodium Hydroxymethylglycinate:**  
Species: Rabbit  
Result: Irritation to eyes, reversing within 21 days

**Respiratory or skin sensitisation**

Skin sensitisation: Not classified based on available information.  
Respiratory sensitisation: Not classified based on available information.

**Product:**

Result: Does not cause skin sensitisation.  
Remarks: Patch test on human volunteers did not demonstrate sensitisation properties.

**Components:**

**Mineral Oil (Paraffinum Liquidum):**  
Test Type: Buehler Test  
Exposure routes: Skin contact  
Species: Guinea pig  
Result: negative

**Propylene Glycol:**  
Test Type: Maximisation Test (GPMT)  
Exposure routes: Skin contact  
Species: Guinea pig  
Result: negative

**Sodium Hydroxymethylglycinate:**  
Test Type: Maximisation Test (GPMT)  
Exposure routes: Skin contact  
Species: Guinea pig  
Result: positive

Assessment: Probability or evidence of skin sensitisation in humans

**Germ cell mutagenicity**

Not classified based on available information.

**Components:**

**Mineral Oil (Paraffinum Liquidum):**

Genotoxicity in vitro : Test Type: In vitro mammalian cell gene mutation test  
Result: negative

Genotoxicity in vivo : Test Type: Mammalian erythrocyte micronucleus test (in vivo  
cytogenetic assay)  
Test species: Mouse  
Application Route: Intraperitoneal injection  
Method: OECD Test Guideline 474  
Result: negative



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Remarks: Based on data from similar materials

**Propylene Glycol:**

Genotoxicity in vitro

: Test Type: Bacterial reverse mutation assay (AMES)  
Result: negative

Genotoxicity in vivo

: Test Type: In vivo micronucleus test  
Test species: Mouse  
Application Route: Intraperitoneal injection  
Result: negative**Sodium Hydroxymethylglycinate:**

Genotoxicity in vitro

: Test Type: Bacterial reverse mutation assay (AMES)  
Result: negative

Genotoxicity in vivo

: Test Type: Unscheduled DNA synthesis (UDS) test with  
mammalian liver cells in vivo  
Test species: Rat  
Result: negative**Carcinogenicity**

Not classified based on available information.

**Components:****Mineral Oil (Paraffinum Liquidum):**

Species: Rat

Application Route: Ingestion

Exposure time: 24 Months

Result: negative

**Propylene Glycol:**

Species: Rat

Application Route: Ingestion

Exposure time: 2 Years

Result: negative

**Reproductive toxicity**

Not classified based on available information.

**Components:****Mineral Oil (Paraffinum Liquidum):**

Effects on fertility

: Test Type: One-generation reproduction toxicity study  
Species: Rat  
Application Route: Skin contact  
Result: negativeEffects on foetal  
development: Test Type: Embryo-foetal development  
Species: Rat  
Application Route: Ingestion  
Result: negative**Propylene Glycol:**

Effects on fertility

: Species: Mouse  
Application Route: Ingestion  
Result: negative

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Effects on foetal  
development

: Test Type: Embryo-foetal development  
Species: Mouse  
Application Route: Ingestion  
Result: negative

**Sodium Hydroxymethylglycinate:**Effects on foetal  
development

: Species: Rat  
Application Route: Ingestion  
Result: negative

**STOT - single exposure**

Not classified based on available information.

**STOT - repeated exposure**

Not classified based on available information.

**Repeated dose toxicity****Components:****Mineral Oil (Paraffinum Liquidum):**

Species: Rat  
LOAEL: 160 mg/kg  
Application Route: Ingestion  
Exposure time: 90 d

Species: Rat  
LOAEL:  $\geq 1$  mg/l  
Application Route: inhalation (dust/mist/fume)  
Exposure time: 4 w  
Method: OECD Test Guideline 412

**Propylene Glycol:**

Species: Rat  
NOAEL: 1,700 mg/kg  
Application Route: Ingestion  
Exposure time: 2 y

**Aspiration toxicity**

Not classified based on available information.

**Components:****Mineral Oil (Paraffinum Liquidum):**

The substance or mixture is known to cause human aspiration toxicity hazards or has to be regarded as if it causes a human aspiration toxicity hazard.

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**SECTION 12. ECOLOGICAL INFORMATION****Ecotoxicity****Components:****Mineral Oil (Paraffinum Liquidum):**

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)):  $> 100$  mg/l  
Exposure time: 96 h

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Method: OECD Test Guideline 203

Toxicity to daphnia and other aquatic invertebrates : EC50 (*Daphnia magna* (Water flea)): > 100 mg/l  
Exposure time: 48 h  
Method: OECD Test Guideline 202

Toxicity to algae : NOEC (*Pseudokirchneriella subcapitata* (green algae)): 100 mg/l  
Exposure time: 72 h  
Method: OECD Test Guideline 201

Toxicity to fish (Chronic toxicity) : NOEC (*Oncorhynchus mykiss* (rainbow trout)): 1,000 mg/l  
Exposure time: 28 d

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC (*Daphnia magna* (Water flea)): 1,000 mg/l  
Exposure time: 21 d

**Trideceth-6:**

Toxicity to fish : LC50 (*Leuciscus idus* (Golden orfe)): > 1 - 10 mg/l  
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates : EC50: > 1 - 10 mg/l  
Exposure time: 48 h

Toxicity to algae : EC50: > 1 - 10 mg/l  
Exposure time: 72 h

**Propylene Glycol:**

Toxicity to fish : LC50 (*Oncorhynchus mykiss* (rainbow trout)): 40,613 mg/l  
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates : EC50 (*Ceriodaphnia Dubia* (water flea)): 18,340 mg/l  
Exposure time: 48 h

Toxicity to algae : EC50 (*Skeletonema costatum* (marine diatom)): 19,000 mg/l  
Exposure time: 48 h  
Method: OECD Test Guideline 201

Toxicity to fish (Chronic toxicity) : Chronic Toxicity Value: 2,500 mg/l  
Exposure time: 30 d

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC (*Ceriodaphnia Dubia* (water flea)): 29,000 mg/l  
Exposure time: 7 d

Toxicity to bacteria : NOEC (*Pseudomonas putida*): > 20,000 mg/l  
Exposure time: 18 h

**Sodium Hydroxymethylglycinate:**

Toxicity to fish : LC50: > 10 - 100 mg/l  
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates : EC50 (*Daphnia pulex* (Water flea)): > 10 - 100 mg/l  
Exposure time: 48 h

Toxicity to algae : ErC50 (*Desmodesmus subspicatus* (*Scenedesmus*))

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subspicatus)): > 10 - 100 mg/l  
Exposure time: 72 h

Toxicity to bacteria : EC50: > 100 mg/l  
Exposure time: 120 h

**Persistence and degradability****Components:****Mineral Oil (Paraffinum Liquidum):**

Biodegradability : Result: Not readily biodegradable.  
Biodegradation: 31 %  
Exposure time: 28 d

**Trideceth-6:**

Biodegradability : Result: Readily biodegradable.  
Biodegradation: > 60 %  
Exposure time: 28 d

**Propylene Glycol:**

Biodegradability : Result: Readily biodegradable.  
Biodegradation: 98.3 %  
Exposure time: 28 d  
Method: OECD Test Guideline 301F

**Sodium Hydroxymethylglycinate:**

Biodegradability : Result: Readily biodegradable.

**Bioaccumulative potential****Components:****Propylene Glycol:**

Partition coefficient: n-octanol/water : log Pow: -1.07

**Sodium Hydroxymethylglycinate:**

Partition coefficient: n-octanol/water : log Pow: < 3

**Mobility In soil**

No data available

**Other adverse effects**

No data available

**SECTION 13. DISPOSAL CONSIDERATIONS****Disposal methods**

Waste from residues : Dispose of in accordance with local regulations.

**Contaminated packaging**

: Dispose of as unused product.  
Empty containers should be taken to an approved waste handling site for recycling or disposal.

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**SECTION 14. TRANSPORT INFORMATION****International Regulation****IATA-DGR**

Not regulated as a dangerous good

**IMDG-Code**

Not regulated as a dangerous good

**National Regulations****TDG**

Not regulated as a dangerous good

**SECTION 15. REGULATORY INFORMATION****WHMIS Classification** : E: Corrosive Material

This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.

**The components of this product are reported in the following inventories:**

TSCA	: On TSCA Inventory
AICS	: On the inventory, or in compliance with the inventory
DSL	: On the inventory, or in compliance with the inventory
ENCS	: On the inventory, or in compliance with the inventory
ISHL	: On the inventory, or in compliance with the inventory
KECI	: On the inventory, or in compliance with the inventory
PICCS	: On the inventory, or in compliance with the inventory
IECSC	: On the inventory, or in compliance with the inventory
NZIoC	: On the inventory, or in compliance with the inventory

**Inventories**

AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TCSI (Taiwan), TSCA (USA)

**SECTION 16. OTHER INFORMATION**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.